

## Compact Machining Center

# DST-500A/L

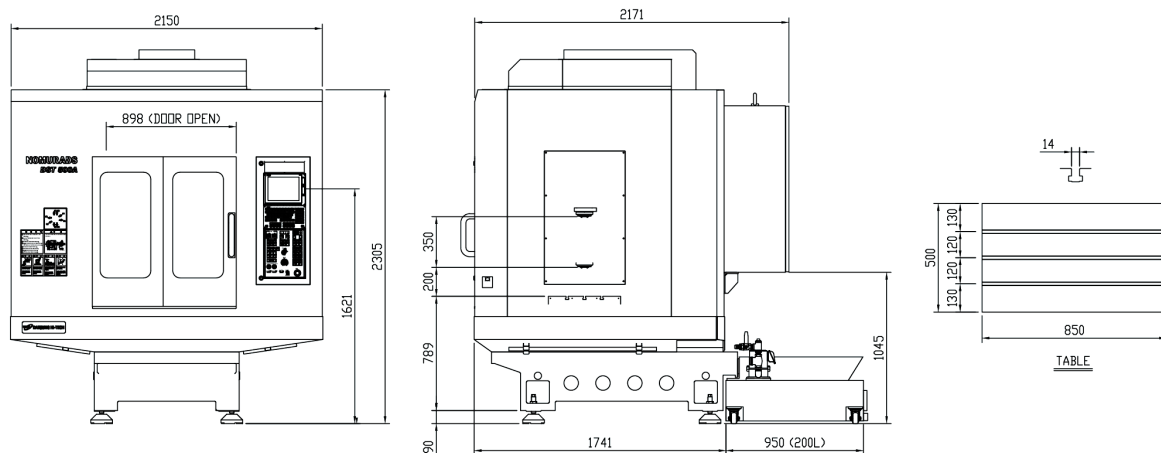
The DST-500L is a high-speed, high-efficiency compact machining center, capable of performing work from fast machining in the aerospace industry to heavy cutting in the automotive industry.

Its direct coupled spindle motor and highly rigid spindle allow for reduced spindle acceleration/ deceleration time and increased cutting performance.

# NOMURA DS



### Floor Layout



#### Standard Accessories

Indicator Light
Auto Lubricator Unit
LED Work Light
Bed Shower Coolant
Flood Shower Coolant
Portable MPG
Air Gun
Air Conditioner
Safety Switch (Door Lock)
Safety Nameplate (Korean / English / Etc.)

#### Optional Accessories

Coolant Tank	STD		
	Screw Conveyor Type		
	Scraper Conveyor Type		
	Magnet Scraper Conveyor Type		
	Drum Filter Conveyor Type		
Tool Breakage Detector	Touch Type		
	Laser Type		
Oil Skimmer	TSC	Tool Taper Cleaning Coolant	High Pressure Coolant System
Hydraulic Tank	Index Rotary Table		Mist Collector
Transformer	Touch Probe (Work)		Top Cover
Sub Operate Box	Auto Door (Front)		High Column (150mm, 200mm)

Specifications		Unit	DST-500A	DST-500L	
Travel	Stroke	X-Axis	mm	720	1,000
		Y-Axis	mm	500	500
		Z-Axis	mm	350	350
	Distance from the tip of spindle to the top of the table		mm	550 ~ 200	550 ~ 200
Rapid Travel	X-Axis		m/min	60	60
	Y-Axis		m/min	60	60
	Z-Axis		m/min	60	60
	Cutting Feedrate		mm/min	2,000	2,000
Table	Table Size		mm	850 x 500	1,100 x 500
	Allowable Load		kg	300	300
	Table Type		-	T-Slot	T-Slot
Spindle	Max Speed (K=1,000rpm)		rpm	15K (12K HT) (24K)	15K (12K HT) (24K)
	Power		kW	7.5/5.5 (5.0/3.5)	7.5/5.5 (5.0/3.5)
	Type		-	Direct Drive	Direct Drive
ATC	ATC Type		-	Armless	Armless
	Tool Storage		ea	28T	28T
	Tool Shank		-	BBT30	BBT30
	Max Tool Diameter		mm	80	80
	Tool to Tool Time		sec	1.4	1.4
	Chip to Chip Time		sec	2.1	2.1
Machine	Floor Space (L x W)		mm	2,150 x 2,731	2,490 x 2,731
	Weight		kg	3,300	4,000
Controller	CNC Type		-	Mitsubishi M80	Mitsubishi M80